

***Abstract***

A balance weight comprising a cartridge having at least one interior chamber, the interior chamber at least partially filled with a flowable balance media, and wherein the cartridge is longitudinally arcuate, at least when attached to a wheel, about an angle of upto 180 degrees or less. The balance weight provides a balanced tire in the new or just balanced condition and helps retain the balance under changes in at least one operational characteristic of the tire/wheel assembly.